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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/304,406	05/04/1999	RALPH E. SIPPLE	33012/263/10	9618

7590 06/19/2002  
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EXAMINER

LONSBERRY, HUNTER B

ART UNIT PAPER NUMBER

2611

DATE MAILED: 06/19/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/304,406

Applicant(s)

SIPPLE ET AL.

Examiner

Hunter B. Lonsberry

Art Unit

2611

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 May 1999 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

## **DETAILED ACTION**

### ***Drawings***

The drawings are objected to under 37 CFR 1.83(a) because they fail to show component names as described in the specification. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance. Figures 1, 5, and 6 should have the device component names attached in order to easily identify each component of the invention.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent 5,583,561 to Baker.

Regarding claim 1, Baker discloses in Figure 1, a Video on Demand system which supplies a video program to a subscriber receiver 22, a transaction server (VOD server 12) is connected to a video library 10 that stores VOD programs (column 6, line 38-45), video server 12 receives video requests from users (column 7, lines 28-55)

retrieves the requested video from the video library 10 and passes it on to the network interface which in turn transfers it to the user's receiver 22 (column 7, line 45-55).

Regarding claims 2 and 8, Baker discloses that video server 12 acts as a gateway, controlling video program data which is transmitted to the users, and performs in a middleware environment (column 7, lines 28-55, Figure 4, column 10, line 64-column 11, line 22). Additionally, Baker discloses in Figure 3, the use of a control server 54, which processes viewer requests and grants access to the video servers (column 10, lines 38-63).

Regarding claim 3, Baker discloses that video server 12 may be a mainframe system (column 8, lines 43-51) and discloses in Figure 3 that the mainframe (video server 12) may be coupled to a transaction server 54 (control server 54, column 10, lines 38-63), additionally the mainframe can act as a transaction server in of itself (column 7, lines 28-55).

Regarding claims 4 and 10, Baker discloses that video server 12 may be a Unisys mainframe system (column 8, lines 43-51).

Regarding claims 5 and 9, Baker discloses that the transaction server may spool the video (column 7, line 45-55) and that the format can be MPEG 2 (column 7, lines 9-16).

Regarding claim 6, Baker discloses in Figure 1, a Video on Demand system which supplies a video program to a subscriber receiver 22, a transaction server (VOD server 12) is connected to a database storage system (video library 10), which stores VOD programs (column 6, line 38-45), video server 12 receives video requests from

users (column 7, lines 28-55) retrieves the requested video from the video library 10 and passes it on to the network interface which in turn transfers it to the user's receiver 22 (column 7, line 45-55).

Regarding claim 7, Baker discloses that the transaction server may manage a subscriber account and charge the account for a program request (column 7, lines 30-55).

Regarding claim 11, Baker discloses a VOD system in Figures 1 and 8, which includes a video library 10 which stores a plurality of video programs on a number of disks (Figure 1, column 6, line 38-64), a telephone 14, which a subscriber uses to generates requests for a VOD program (column 7, lines 36-39), video server 12 runs software which identifies the requested programming (column 7, lines 45-51), video server 12 then spools the requested VOD program to the network interface which distributes it to subscriber receiver 22 (column 7, lines 51-55).

Regarding claim 12, Baker discloses that a subscriber receives the VOD program on a receiver (decoder 22, column 8, lines 18-41).

Regarding claim 13, Baker discloses that video server 12 acts as a transaction gateway (column 7, lines 28-55, Figure 4, column 10, line 64-column 11, line 22).

Regarding claim 14, Baker discloses that video server 12 processes subscriber transactions (column 7, lines 36-55).

Regarding claim 15, Baker discloses that video server 12 is a Unisys mainframe (column 8, lines 42-48).

Regarding claim 16, Baker discloses a video server 12, coupled to a video database 10 which stores a number of VOD programs (Figure 1, column 6, line 38-64), video server 12 receives a VOD request from a subscriber and determines which VOD program corresponds to the request (column 7, lines 36-51), video server 12 spools the VOD program from the video database 10 and streams it to the subscriber via network interface 18 (column 7, lines 45-55).

Regarding claim 17, Baker discloses that the VOD stream may be paused in response to a viewer command (column 12, lines 7-17).

Regarding claim 18, Baker discloses that the VOD stream may be rewound in response to a viewer command (column 12, lines 7-17).

Regarding claim 19, Baker discloses in Figure 8, that a user make issue a forward request 132 (column 16, lines 5-9).

Regarding claim 20, Baker discloses that video server 12 performs subscriber accounting and bills a subscriber for a VOD program request (column 7, lines 33-51).

### **Conclusion**

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patent 5,873,022 to Huizer: Method of Receiving Compressed Video Signals Using a Latency Buffer During Pause and Resume.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hunter B. Lonsberry whose telephone number is 703-

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305-3234. The examiner can normally be reached on Monday-Friday during normal business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Faile can be reached on 703-305-4380. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-5359 for regular communications and 703-372-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-0377.

HBL  
June 16, 2002

  
ANDREW FAILE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600